
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Dexol Division of Ringer Corporation
Product Name: Dexol Spot Weeder

MATERIAL SAFETY DATA SHEET
(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

SECTION 1: Chemical Product & Company Identification

Product Name(s): Dexol® Spot Weeder

EPA Number: 2217-537-192

Manufacturer Name & Address: Dexol, a division of Verdant Brands Inc. 9555 James Avenue S., Ste 200, Bloomington, MN 55431

Telephone Contact Number & Hours of Operation: (612) 703-3300, 8:00 a.m. - 5:00 Central Time

Emergency Telephone Contact Number: Chemtrec 800-424-9300

SECTION 2: Composition/Information on Ingredients

<u>Hazardous Ingredients(*)</u>	% by		CAS No.	OSHA PEL		ACGIH TLV	
	weight			TWA	STEL	TWA	STEL
Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid	0.593	94-75-7		10 mg/m ³	NE	10 mg/m ³	NE
Dimethylamine Salt of 2-(2-methyl-4-chlorophenoxy)propionic acid		0 287	7085-19-0	NE		NE	NE
Dimethylamine Salt of Dicamba (3,6-dichloro-o-anisic) acid	0.066	1918-00-9		NE	NE	NE	NE

* all ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions

SECTION 3: Hazards Identification

EMERGENCY OVERVIEW

Physical description: brown liquid

Odor: phenolic odor

Potential Health Effects: This material may cause eye burns and moderate irritation of the skin. Personnel responding to a spill of this material should wear protective clothing to avoid prolonged skin contact or inhalation of mist to prevent toxic effects.

SECTION 4: First Aid Measures

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Seek medical attention.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTES TO PHYSICIAN: 2,4-D. No specific antidote exists. Monitor for seizures, gastrointestinal irritation, possible liver, kidney, or muscle damage, arrhythmias, acidosis, dyspnea, headache, coma, hyperthermia, and hypotension. Range of Toxicity: fatalities seen after ingestion of 80 mg/kg.

SECTION 5: Fire Fighting Measures

Flash Point: N/A **Flammable Limits:** LEL: N/A UEL: N/A

Extinguishing Media: Use carbon dioxide, dry chemical, foam or water

Protective Equipment: Use NIOSH/MSHA approved SCBA and bunker gear.

Thermal decomposition: may produce hydrogen chloride, carbon monoxide, phosgene

NFPA CODES: FIRE: 1 HEALTH: 3 REACTIVITY: 1

SECTION 6: Accidental Release Measures

Spills: Pick up liquid with Oil Dry, cat litter, clay, rags or other absorbent and place in a disposable container. Dispose of in accordance with instructions in Section 13.

SECTION 7: Handling & Storage

Storage: Store in well-closed, upright containers in a cool, dry, well-ventilated area out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container

Handling: Avoid breathing vapor or spray mist. Avoid contact with skin or clothing. Remove pets, and cover fish aquariums before spraying

SECTION 8: Exposure Controls & Personal Protective Equipment

Skin: Protective gloves recommended; applicators should wear long pants and long-sleeved shirt

Eye Protection: Goggles or faceshield recommended

Respiratory: In typical applications no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with organic vapor/dust/mist cartridges, or mechanical ventilation.

SECTION 9: Physical & Chemical Parameters

Appearance and Odor: brown liquid, phenolic odor

Boiling Point: 212°F.

Melting Point: N/A

Vapor Pressure: N/A

Evaporation Rate: N/A

Vapor Density: N/A

Specific Gravity: 1.0

Solubility in Water: complete

Bulk Density: not determined

pH: 8.0

% Volatiles by Volume: 99%

SECTION 10: Stability & Reactivity

Stability: stable

Conditions to avoid: excessive heat

Incompatibilities: avoid contamination with aqueous mineral acids and oxidizers

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Note to Consumers: Information provided in this section is oriented to medical and public health professionals involved in the assessment and treatment of excessive and/or accidental exposures.

Oral Rat LD₅₀ = >8,000 mg/kg Dermal LD₅₀ = >2,000 mg/kg

Not a contact sensitizer, although may cause dermatitis.

Carcinogens: 2,4-D = IARC Group 2B (agent is possibly carcinogenic to humans) None listed per OSHA, NTP

SECTION 12: Ecological Information

Ecotoxicity: May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by drift, runoff, or cleaning of equipment or disposal of washwaters.

Environmental Fate: 2,4-D: Typical half-lives of 10 to >50 days, BCF value of 7. Dicamba: estimated BCF values 8 - 28

SECTION 13: Disposal Considerations

This material (as packaged) is considered a hazardous waste (EPA D016, U240). Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

SECTION 14: Transport Information

DOT Hazard Description: N/A

SECTION 15: Regulatory Information

CERCLA RQ: 2,4-D: 100 lbs. Dicamba: 1000 lbs.

SARA TPQ: 2,4-D: 10,000 lbs. Dicamba: 10,000 lbs

Individual States: States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

SECTION 16: Other Information

For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.

This information is provided in good faith, but without express or implied warranty.